State of Delaware
Delaware Veterans Home
Building Automation Module
Contract No. 12-DVH-3
Questions and Answers from Pre-Bid Meeting
November 1, 2011

In attendance:

David Furio, The Tri-M Group, LLC
Frank Yoder, Honeywell Building Solutions
Bill Smallwood, Advanced Power Control, Inc.
John Anderson, Modern Controls
Larry Marchesani, Building Systems & Services, Inc.
Fran McGrath, Elliott-Lewis
Bill Peterson, Delaware Veterans Home
Sandy Groff, Delaware Veterans Home
Wayne Smith, Delaware Veterans Home
Lori Eickman, Delaware Veterans Home
Kevin Wright, Department of State
Ron Moore, Delaware Veterans Home
Renee Smith, Delaware Veterans Home
Anke Fox, Delaware Veterans Home

1. Regarding the 2 Sage panels, is this the only location; all the equipment goes to these panels? **Yes.**
2. Is the boiler not tied in with the network? **It is.**
3. Should the front end report to a laptop? Or rather see it in a central location? **A central location with the ability to view at 3 additional sites.**
4. Will you provide the names of those bidding? **Yes**.
5. Are you looking for a special alarm or for the system to dial out? **Yes, built in which already exists in the current system.**
6. Do you have alarms going to a phone or something else? **They are currently not going anywhere. I would like to be able to program in house and send it where I would like.**
7. Thermostats, are they digital? **Yes they are electronic**.
8. If you have questions regarding the boiler BACnet, please send them in writing. **No direct control of the boilers, just status of temperatures and pump status. Output is only a boiler operation.**
9. Do you want to reuse all the graphics you currently have with automatics**? No, just compatible.**
10. Do you need to have any points added with the new upgrade? **No, just connect to the existing points.**
11. Are you looking for web or internet now**? No, but I want it built in with the system.**
12. How will we demonstrate the ability to communicate, download files and information to the existing system? **We will provide a test unit controller with a program that you will connect to and make function through your system, after proving you can talk to the current system the current files can be accessed and down loaded for point match and graphic set up.**
13. All controller questions should be submitted in writing.
14. Will the vendors have the opportunity to access the current system to download information? **No. bids will be based on points list and graphics provided.**
15. RFP Contract No. 12-DVH-3 - Section 2, Page 3 – the RFP states the system is required to be "UL listed". – Could you please clarify if the UL listing is for smoke control or a basic UL listing? In other words, is there any intent to include/expand the proposed operator workstation into smoke control? **Basic UL listing**
16. RFP Contract No. 12-DVH-3 - Section 2, Page 4 - the RFP states "Program new modules with the matching unit controller programs and graphic screen information " – Could you please provide a list of the global control points and global control programs that reside in the existing SAGE System Modules? This would be beneficial in understanding what impact the loss of communication will be between the SAGE System Modules and the field equipment. **Points list were handed out at the Pre Bid Meeting along with captured screens.**
    a. Other contract requirements that may have an impact from this question.
        i. "Set up time schedules to match the current schedules" As needed
        ii. "Program new modules with the matching unit controller programs and graphic screen information"
        iii. "Set up data logging, per a point list provided by the HVAC tech"
        iv. Mechanical/Free Cooling/Economizer sequences
        v. RTU, FCU, Boiler, Chiller, CUH, Exhaust Fan start/stop

    Programs are to be pulled from the existing unit controllers.

17. Addendum #3 - Network Architecture, Page 2 Central Plant: Hot Water System, and the Reheat Hot Water System Graphic - Could you please clarify what the boiler controller model is, and what the specific communication protocol is? After reviewing the manufacturer's website, modbus communication was mentioned. **No direct control of the boilers, just status of temperatures and pump status. Output is only a boiler operation DO**